

SEQUENCE LISTING

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 Haeberli, Pete
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<120> Nucleic Acid Sensor Molecules

<130> MBHB00-816-E (700/005)

<160> 63

<170> PatentIn version 3.0

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gugugcaacc ggaggaaacu ccuucagg acgaaagucc gggacggg

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<220>
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 <400> 19
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<400> 26
gguccuuucu uggauaaacc c 21

<210> 27
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54

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aggucurnnn nn 72

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39

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39

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gccgucguug ga 12

<210> 37
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gguccuuucu uggauaaacc c 21

<210> 38
<211> 12
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<223> Description of Artificial Sequence: Synthetic Reporter Molecule

<400> 38
gccgucguua uu 12

<210> 39
<211> 21
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<400> 39
gggcttatcc aagaaaggac c 21

<210> 40
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gcgugaccug augaggccga aaggccgaaa cguuccc 37

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<223> Description of Artificial Sequence: Erk Modulated Sensor Component

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ggauaaggag gauuuccgaa agcgguacg guccgccauc c 41

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<212> RNA

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<223> Description of Artificial Sequence: Erk Modulated Sensor Molecule

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uacgaaacgu uccc 74

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<400> 45
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<210> 46
 <211> 112
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gaccgaucuu cggauccagg ggaggcacc cccgguggcu uuaacgcca cg 112

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<400> 47
 gguccuuucu uggauaa 17

<210> 48
 <211> 366
 <212> RNA
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<400> 48
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ucuucacgca gaaagcgucu agccauggcg uuaguaugag ugucgugcag ccuccaggac 120

ccccccuccc gggagagcca uaguggucug cggaaccggu gaguacaccg gaauugccag 180
gacgaccggg uccuucucug gaucaaccg cucaaugccu ggagauuugg gcgugccccc 240
gcgagacugc uagccgagua guguggguc gcgaaaggcc uugugguacu gccugauagg 300
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cucaaa 366

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nnnnnygynn nn 12

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37

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<400> 51
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13

<210> 61
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<220>
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uuacgaaacg uuccc

75

<210> 62
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<220>
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